DAILY BRIEF · WHAT AI ENGINEERS ARE BUILDING

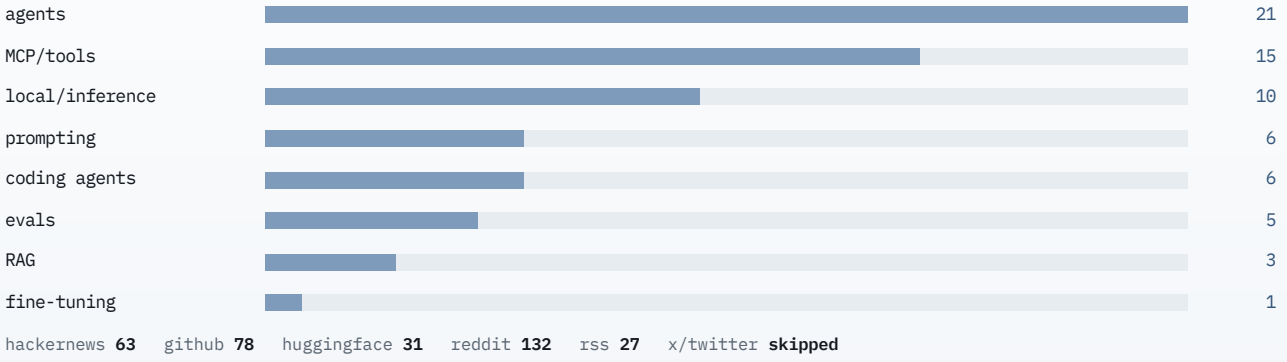
Today in AI engineering
2026-09-30

Daily AI-engineering signal (mechanical fallback — LLM error: 404 Client Error: Not Found for url: https://api.groq.com/openai/v1/chat/complet)

5 deep dives **3** builder stories **15** quick hits **331** items scanned mode: **mechanical fallback**

agents mcp/tools local/inference prompting coding agents evals rag fine-tuning

EXHIBIT 1 · TODAY'S SIGNAL — TOPIC FREQUENCY ACROSS SCANNED ITEMS N = 331



hackernews **63** github **78** huggingface **31** reddit **132** rss **27** x/twitter **skipped**

DEEP DIVES

Show HN: Open-source skills for end-to-end video ad campaigns

Show HN

Hey there! We are building SuperCMO Skills, open source tools which allow agents (Claude Code, Cursor, Codex, etc.) to research, plan and create video and image campaigns end-to-end right out of your terminal or IDE. We got tired of paying for expensive AI subscriptions and wasting countless hours a

Why it matters. Flagged by the ranking heuristics as a real, artifact-backed build.

> **TRY THIS**
> Open the link and skim the repo / paper.

https://github.com/SupercmoHQ/superCMO-skills

Show HN: CodeDiff – Fast (<100ms), robust (99.95%) syntax-aware code diff

Show HN

Hi folks! Because of AI, there is more code to review. I don't know about you, but I get annoyed when the default git diff doesn't match something "obvious". I built CodeDiff to help. It's a syntax-aware, careful implementation in Rust of all current research in code diffing. It parses 24 languages

Why it matters. Flagged by the ranking heuristics as a real, artifact-backed build.

> **TRY THIS**
> Open the link and skim the repo / paper.

https://github.com/ivankovic/codediff

Show HN: Raven – The harness of harnesses, built for RSI

Show HN

(no summary)

Why it matters. Flagged by the ranking heuristics as a real, artifact-backed build.

> **TRY THIS**
> Open the link and skim the repo / paper.

https://github.com/EverMind-AI/Raven

breakstageaxe61/genspark-claw

GitHub

🦀⚡ Community skill pack & CLI for Genspark Claw, OpenClaw & Hermes agents — 5 production-ready SKILL.md skills (deep research, reports, slides, browser automation, AI call prep), zero-dependency Node.js installer, MCP server, one-line install

Why it matters. Flagged by the ranking heuristics as a real, artifact-backed build.

> **TRY THIS**
> Open the link and skim the repo / paper.

https://github.com/breakstageaxe61/genspark-claw

convaiinnovations/laya

HF model

Trending model on Hugging Face — text-classification, transformers; 4582 likes, 0 downloads.

Why it matters. Flagged by the ranking heuristics as a real, artifact-backed build.

> **TRY THIS**
> Open the link and skim the repo / paper.

https://huggingface.co/convaiinnovations/laya

WHAT PEOPLE ACTUALLY BUILT

Show HN: JBR-001 – An open-source 3D printable desktop robot

Show HN

We built a desktop companion robot that is powered by Arduino UNO Q. Project is open source: source code, 3D printable files and assembly instructions are available at Arduino Project Hub. Robot is equipped with camera, distance sensor, buzzer, moves head and arms with 3 servo mo

> **STEAL THIS**
> Flagged by keyword heuristics as a first-person build write-up — read the post for the details.

https://projecthub.arduino.cc/syntheticaidata/jbr-001-a-desktop-companion-robot-powered-by-arduino-uno-q-b11c96

I built an open-source offline AI speaking coach using Ollama + faster-whisper

r/LLMDevs

Hey everyone, I built YourSpeakReps, an open-source local AI speaking coach for spoken English and mock interview practice. It runs fully on your machine: - Ollama for the local LLM - faster-whisper for speech-to-text - native OS text-to-speech - FastAPI + simple browser UI No AP

> **STEAL THIS**
> Flagged by keyword heuristics as a first-person build write-up — read the post for the details.

https://www.reddit.com/r/LLMDevs/comments/1wtulgf/i_built_an_opensource_offline_ai_speaking_coach/

Show HN: I made Jev to talk

Show HN

Simply by asking Jev multiple yes/no question about what would be best next word, it's possible to get some reasonable text out of it. Play it by yourself.

> **STEAL THIS**
> Flagged by keyword heuristics as a first-person build write-up — read the post for the details.

https://github.com/zie1ony/jev-talks

QUICK HITS

Jev Decision Index HF SPACE

Trending Space (static, 333 likes). Benchmarks and news on various repros of TypeSafe's Jev
https://huggingface.co/spaces/multimodalart/jev-decision-index

Show HN: TurboGPT: train 22KiB transformer in 13s SHOW HN

Inspired by minGPT for home experiments. Requires CUDA 13.4; build script is Windows only.
https://github.com/lostmsu/TurboGPT

Edge0/Audio8-ASR-Infinite HF MODEL

Trending model on Hugging Face — automatic-speech-recognition, transformers; 1563 likes, 26,749 downloads.
https://huggingface.co/Edge0/Audio8-ASR-Infinite

abenzerps/Qwen-Image-2.1-Uncensored-GGUF HF MODEL

Trending model on Hugging Face — text-to-image, gguf; 2484 likes, 1,232,685 downloads.
https://huggingface.co/abenzerps/Qwen-Image-2.1-Uncensored-GGUF

XingChen-AGI/TeleOCR HF MODEL

Trending model on Hugging Face — image-text-to-text, transformers; 951 likes, 30,383 downloads.
https://huggingface.co/XingChen-AGI/TeleOCR

PSSA: A non-transformer language model written from scratch in Rust HN

https://github.com/Sparticle62ops/pssa

Qwen/Qwen-Image-2.1 HF MODEL

Trending model on Hugging Face — text-to-image, diffusers; 2686 likes, 70,687 downloads.
https://huggingface.co/Qwen/Qwen-Image-2.1

GPT 6.1 Sol: Near-Astra intelligence for a fifth of the price HN

https://openai.com/index/introducing-gpt-6-1-sol/

Contrastive-LM/CLM-v0.1-8B HF MODEL

Trending model on Hugging Face — text-ranking, contrastive-lm; 549 likes, 2,392 downloads.
https://huggingface.co/Contrastive-LM/CLM-v0.1-8B

graygnatconsole/mcp-audit-tool GITHUB

🛡️ Security audit CLI for Model Context Protocol (MCP) servers — scan AI agent configs for tool poisoning, rug pulls, hardcoded secrets, com
https://github.com/graygnatconsole/mcp-audit-tool

Show HN: Lemma.work – Open-source AI coworkers your whole team can share SHOW HN

https://github.com/lemma-work/lemma-platform

nvidia/Nemotron-3-Diarization HF MODEL

Trending model on Hugging Face — voice-activity-detection, nemo; 535 likes, 36,386 downloads.
https://huggingface.co/nvidia/Nemotron-3-Diarization

Show HN: Real-time Solar System with 526k asteroids and all tracked satellites SHOW HN

https://space.bl2.net/

architectds/collabosm GITHUB

A local app that rents a GPU in your own Colab account and serves Qwen3.8 on it: 27B on an A100-40G, or Flash-Next (125B-A6B MoE) on an A100
https://github.com/architectds/collabosm

Dots: Always-on agents HN

https://openai.com/index/introducing-dots/

Generated 2026-09-30 · Sources: Hacker News, Reddit, GitHub, Hugging Face, arXiv, engineering RSS. Filtered for real, implementable work; marketing and cash-grabs removed. Built by the ai-daily-brief automation · LUCA CONARROE — AI Automation.